Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A coating system on a substrate, the coating system comprising a beta-phase NiAl intermetallic overlay coating comprising inner and outer regions, the inner and outer regions being deposited from first and second coating sources, respectively, the first coating source having a higher chromium content than the second coating source so that the inner region contains ~~containing~~ more chromium than the outer region.

Claim 2 (original): A coating system according to claim 1, wherein the inner region of the overlay coating contains, by weight, about 5% to about 20% chromium, and the outer region of the overlay coating contains, by weight, about 1% to about 5% chromium.

Claim 3 (original): A coating system according to claim 1, wherein the overlay coating contains nickel, aluminum, chromium, and zirconium and optionally one

or more of hafnium, yttrium, titanium, tantalum, silicon, platinum, rhenium and ruthenium.

Claim 4 (currently amended): A coating system according to claim 1, further comprising a limited diffusion zone between the substrate and the inner region of the overlay coating, the diffusion zone containing elements that have interdiffused from the substrate and the overlay coating. ~~wherein the overlay coating consists of nickel, aluminum, chromium, zirconium, and incidental impurities.~~

Claim 5 (currently amended): A coating system according to claim 4, ~~claim 1,~~ wherein the inner region of the overlay coating consists of, by weight, about 20% to about 30% aluminum, about 5% to about 20% chromium, about 0.2 to about 1.5% zirconium, the balance nickel and incidental impurities.

Claim 6 (currently amended): A coating system according to claim 4, ~~claim 1,~~ wherein the outer region of the overlay coating consists of, by weight, about 20% to about 30% aluminum, about 1% to about 5% chromium, about 0.2 to about 1.5% zirconium, the balance nickel and incidental impurities.

Claim 7 (original): A coating system according to claim 1, wherein the inner

region of the overlay coating contains about 10 weight percent chromium.

Claim 8 (original): A coating system according to claim 1, wherein the outer region of the overlay coating contains about 2 weight percent chromium.

Claim 9 (original): A coating system according to claim 1, wherein the outer region of the overlay coating contains more aluminum than the inner region.

Claim 10 (original): A coating system according to claim 1, wherein the inner and outer regions are discreet layers of the overlay coating.

Claim 11 (original): A coating system according to claim 1, wherein the inner and outer regions are not discreet layers of the overlay coating.

Claim 12 (original): A coating system according to claim 1, further comprising a thermal-insulating ceramic layer adhered to the overlay coating.

Claim 13 (original): A coating system on a gas turbine engine component, the coating system comprising a beta-phase NiAl intermetallic overlay coating, the overlay coating comprising an inner region and an outer region that defines an outer

surface of the overlay coating, the inner region consisting of, by weight, 20% to 30% aluminum, about 5% to about 20% chromium, about 0.2% to about 1.5% zirconium, the balance nickel and incidental impurities, the outer region consisting of, by weight, 20% to 30% aluminum, about 1% to about 5% chromium, about 0.2% to about 1.5% zirconium, the balance nickel and incidental impurities, the inner region containing more chromium than the outer region.

Claim 14 (original): A coating system according to claim 13, wherein the inner region of the overlay coating contains about 10 weight percent chromium.

Claim 15 (original): A coating system according to claim 13, wherein the outer region of the overlay coating contains about 2 weight percent chromium.

Claim 16 (original): A coating system according to claim 13, wherein the outer region of the overlay coating contains more aluminum than the inner region.

Claim 17 (currently amended): A coating system according to claim 13, <u>further comprising a limited diffusion zone between the substrate and the inner region of the overlay coating, the diffusion zone having a thickness of not more than about five micrometers and containing elements that have interdiffused from the substrate and the</u>

overlay coating. ~~wherein the outer region contains at least 18 weight percent aluminum and the inner region contains not more than 18 weight percent aluminum.~~

Claim 18 (original): A coating system according to claim 13, wherein the inner and outer regions are discreet layers of the overlay coating.

Claim 19 (original): A coating system according to claim 13, wherein the inner and outer regions are not discreet layers of the overlay coating.

Claim 20 (original): A coating system according to claim 13, further comprising a thermal-insulating ceramic layer adhered to the overlay coating.